

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of transmitting data, the method comprising:
transmitting a video program and at least one trigger employing a first television channel operating at a first frequency[[],]; and
transmitting ~~enhancement data~~ enhanced television content employing a second channel operating at a second frequency.
2. (Previously Presented) The method of claim 1 wherein said first frequency corresponds to a television service channel, and wherein said second frequency does not correspond to the frequency of a television service channel.
3. (Currently Amended) The method of claim 1 wherein said second frequency corresponds to the frequency of a television service channel, and wherein only a portion of said second channel is utilized for said ~~enhancement data~~ enhanced television content.
4. (Currently Amended) The method of claim 1, wherein said ~~enhancement data~~ enhanced television content conforms to Advanced Television Enhancement Forum (ATVEF) specifications.
5. (Previously Presented) The method of claim 1 wherein said second channel is of smaller bandwidth than said first television channel.
6. (Currently Amended) The method of claim 1, wherein ~~the step of~~ said transmitting ~~enhancement data~~ enhanced television content further comprises:
transmitting display channel instructions with the ~~enhancement data~~ enhanced television content, wherein said display channel instructions indicate at least one service channel with which said ~~enhancement data~~ enhanced television content may be associated.

7. (Original) The method of claim 6, wherein said display channel instructions conform to extensions to the Advanced Television Enhancement Forum (ATVEF) specification.

8. (Currently Amended) The method of claim 1, wherein ~~the step of said~~ transmitting ~~enhancement data~~ enhanced television content further comprises: transmitting display time instructions with the ~~enhancement data~~ enhanced television content, wherein said display time instructions indicate at least one time at which said ~~enhancement data~~ enhanced television content may be rendered.

9. (Original) The method of claim 8, wherein said display channel instructions conform to extensions to the Advanced Television Enhancement Forum (ATVEF) specification.

10. (Currently Amended) The method of claim 8 wherein said enhanced television content may be rendered independent of the channel currently viewed by a user.

11. (Currently Amended) The method of claim 1 wherein said ~~enhancement data~~ enhanced television content comprises enhanced content and control information wherein said control information includes information describing at least one program channel with which said enhanced television content may be rendered.

12. (Currently Amended) The method of claim 11 wherein said enhanced television content may be rendered independent of the channel currently viewed by a user.

13-14. (Cancelled)

15. (Currently Amended) The method of claim 1 further comprising:

accessing video information containing ~~enhancement data~~ enhanced television content and said video program; and

removing said ~~enhancement data~~ enhanced television content from said video information to produce said video program comprising non-enhanced video information.

16-17. (Cancelled)

18. (Currently Amended) The method of claim 1 wherein said ~~enhancement data~~ enhanced television content is compressed prior to transmission.

19. (Currently Amended) The method of claim 1 wherein said ~~step of~~ transmitting said ~~enhancement data~~ enhanced television content further comprises combining said ~~enhancement data~~ enhanced television content with channel information wherein said channel information indicates at least one program with which said ~~enhancement data~~ enhanced television content may be rendered.

20. (Currently Amended) The method of claim 1 wherein said ~~step of~~ transmitting said ~~enhancement data~~ enhanced television content further comprises:
replacing said ~~enhancement data~~ enhanced television content with other ~~enhancement data~~ enhanced television content.

21. (Currently Amended) The method of claim 20 wherein said other ~~enhancement data~~ enhanced television content is accessed employing a network connection.

22. (Currently Amended) The method of claim 21 wherein said other ~~enhancement data~~ enhanced television content is accessed on a near real-time basis.

23. (Currently Amended) The method of claim 20 wherein said other ~~enhancement data~~ enhanced television content is stored locally to a head-end system.

24. (Currently Amended) The method of claim 1 wherein said ~~step of~~ transmitting said video program on a first television channel further comprises:

transmitting information indicating a channel on which ~~enhancement data~~ said enhanced television content may be retrieved.

25. (Currently Amended) The method of claim 1 further comprising:

accessing said video program having video content information; and

accessing ~~enhancement data~~ enhanced television content associated with said video program.

26-29. (Cancelled)

30. (Currently Amended) The method of claim 25 wherein said ~~enhancement data~~ enhanced television content is compressed prior to transmission.

31. (Currently Amended) The method of claim 25 wherein said ~~enhancement data~~ enhanced television content is accessed employing a network connection.

32. (Currently Amended) The method of claim 25 wherein said ~~enhancement data~~ enhanced television content is stored locally to a head-end system.

33. (Currently Amended) The method of claim 25 wherein said ~~step of~~ transmitting said video program on a first television channel further comprises:

transmitting information indicating a channel on which ~~enhancement data~~ enhanced television content may be received.

34. (Currently Amended) A system for transmitting television content and television enhancement, the system comprising:

a head-end system;

a transmitter;

a network; and

a receiver operable to receive a video program and at least one trigger on a first channel; and operable to receive ~~enhancement data~~ enhanced television content on a second channel.

35. (Currently Amended) The system of claim 34 wherein said head-end system is operable to remove ~~enhancement data~~ enhanced television content from video information containing a video program and said ~~enhancement data~~ enhanced television content.

36. (Currently Amended) The system of claim 34 wherein said head-end system is operable to broadcast said video program and said at least one trigger on said first channel, and said ~~enhancement data~~ enhanced television content on said second channel.

37. (Currently Amended) The system of claim 36 wherein said head-end system is operable to combine timing information with said ~~enhancement data~~ enhanced television content.

38. (Currently Amended) The system of claim 35 wherein said head-end system is operable to replace said enhancement data with other ~~enhancement data~~ enhanced television content.

39. (Currently Amended) The system of claim 34 wherein said receiver further comprises:
program code in said receiver, responsive to said video program and said at least one trigger received on said first channel and said ~~enhancement data~~ enhanced television content received on said second channel, that outputs signals to a display unit.

40. (Original) The system of claim 39 wherein said receiver further comprises: an adjustable tuner wherein the frequency of said second channel may be altered.

41. (Previously Presented) The system of claim 40 wherein said receiver further comprises:
program code that receives information describing the frequency of said second channel and that adjusts the frequency of said second channel in response to said information.

42. (Currently Amended) The system of claim 34 wherein said receiver further comprises:

program code that alters [[a URI.]] an Universal Resource Locator (URL).

43. (Currently Amended) The system of claim 34 wherein said head-end system is operable to modify a [[a URL]] an Universal Resource Locator (URL).

44. (Currently Amended) The system of claim 34 wherein said receiver further comprises:
program code that associates said ~~enhancement data~~ enhanced television content with said video program and renders an output employing said ~~enhancement data~~ enhanced television content.

45. (Currently Amended) An enhanced television receiver comprising:
a first component that receives a signal employing a user selected channel;
a second component that receives a signal on a second channel;
a memory; and
program code, responsive to program information and a trigger received on said user selected channel and ~~enhancement data~~ enhanced television content on said second channel, that outputs signals to a display unit when said trigger is received.

46. (Original) The receiver of claim 45 further comprising:
an adjustable component operable to set the frequency of said second channel.

47. (Previously Presented) The receiver of claim 46 wherein said adjustable component is responsive to information on said user selected channel.

48. (Previously Presented) The receiver of claim 46 wherein said adjustable component is responsive to program code operating in said receiver.

49. (Previously Presented) The receiver of claim 48 wherein said program code further comprises:

a data structure providing an association between said user selected channel and the frequency of said second channel.

50. (Currently Amended) The receiver of claim 45 further comprising:

program code that stores part of said ~~enhancement data~~ enhanced television content in storage local to said receiver.

51. (Currently Amended) The program code of claim 50 further comprising:

a routine to allocate said storage employing information contained in said ~~enhancement data~~ enhanced television content.

52. (Currently Amended) The receiver of claim 50 wherein said program code is further operable to compress part of said ~~enhancement data~~ enhanced television content prior to storage.

53. (Currently Amended) The receiver of claim 50 wherein said program code is further operable to decompress part of said ~~enhancement data~~ enhanced television content.

54. (Currently Amended) The receiver of claim 50 wherein said program code is further operable to render an enhancement employing time information contained in said ~~enhancement data~~ enhanced television content.

55. (Original) The receiver of claim 54 wherein said time information conforms to extensions to Advanced Television Enhancement Forum (ATVEF) specifications.